

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. UC053 001A	APPLICATION NO. 09/770,169
		APPLICANT Saxon et al	
		FILING DATE January 26, 2001	GROUP Unknown

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
V33	1	Aruffo et al., "The CD40 Ligand , gp39, is Defective in Activated T Cells from patients with X-Linked Hyper-IgM Syndrome" <u>Cell</u> 72:291-300 (1993)
	2	Ballantyne et al., "Antibody class Switch recombinase activity is B cell stage specific and functions stochastically in the absence of 'targeted accessibility' control" <u>Int. Immunol.</u> 7:963-974 (1997)
	3	Borggrefe et al., "A B-cell-specific DNA Recombination Complex" <u>J. Biol. Chem.</u> 273:17025-17035 (1998)
	4	Bottaro et al., "S region transcription per se promotes basal IgE class switch recombination but additional factors regulate the efficiency of the process" <u>EMBO J.</u> 13:665-674 (1994)
	5	Casellas et al., "Ku80 is required for immunoglobulin isotype switching" <u>EMBO J.</u> 17:244-2411 (1998)
	6	Cherry and Baltimore, "Chromatin remodeling directly activates V(D)J recombination" <u>Proc. Natl. Acad. Sci. USA</u> 96:10788-10793 (1999)
	7	Coffman et al., "Mechanism and Regulation of Immunoglobulin Isotype Switching" <u>Adv. Immunol.</u> 54:229-270 (1993).
	8	Cogne et al., "A Class Switch Control Region at the 3' End of the Immunoglobulin Heavy Chain Locus" <u>Cell</u> 77:737-747 (1994)
	9	Daniels and Lieber, "RNA:DNA complex formation upon transcription of immunoglobulin switch regions: implications for the mechanism and regulation of class switch recombination" <u>Nucleic Acids Res.</u> 23:5006-5011 (1995)

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M3	10 Daniels and Lieber, "Strand specificity in the transcriptional targeting of recombination at immunoglobulin switch sequences" <u>Proc. Natl. Acad Sci. USA</u> 92:5625-569 (1995)
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	14 Gauchat et al., "Structure and Expression of Germline ε Transcripts in Human B Cells Induced by Interleukin 4 to Switch to IgE Production" <u>J. Exp. Med.</u> 172:463-473 (1990)
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	<p>28 Lopez et al., "Promotion of double-strand break repair by human nuclear extracts preferentially involves recombination with intact homologous DNA" <u>Nucleic Acids Res.</u> 15:6813-6826 (1987)</p>
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	<p>30 Lorenz et al., "Switch Transcripts in Immunoglobulin Class Switching" <u>Science</u> 267:1825-1828 (1995)</p>
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	<p>32 Marcu et al., "A model for the molecular requirements of immunoglobulin heavy chain class switching" <u>Nature</u> 298:87-89 (1982)</p>
	<p>33 Matsuoka et al., "Switch Circular DNA Formed in Cytokine-Treated Mouse Splenocytes: Evidence for Intramolecular DNA Deletion in Immunoglobulin Class Switching" <u>Cell</u> 62:135-144 (1990)</p>
	<p>34 Mills et al., "Human Ig Sy Regions and Their Participation in Sequential Switching to IgE" <u>J. Immunol.</u> 155:3021-3036 (1995)</p>
	<p>35 Mills et al., "Sequences of human immunoglobulin switch regions: implications for recombination and transcription" <u>Nucleic Acids Res.</u> 18:7305-7316 (1990)</p>
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	<p>37 Ott et al., "Immunoglobulin heavy chain switch region recombination within a retrieval vector in murine pre-B cells" <u>EMBO J.</u> 6:577-587 (1987)</p>
	<p>38 Pan et al., "Regulation of the promoter for human immunoglobulin γ3 germ-line transcription and its interaction with the 3' α enhancer" <u>Eur. J. Immunol.</u> 30:1019-1029 (2000)</p>
	<p>39 Pfeiffer and Vielmetter, "Joining of nonhomologous DNA strand breaks in vitro" <u>Nucleic Acids Res.</u> 16:907-924 (1988)</p>
	<p>40 Qiu et al., "Iα exon-replacement mice synthesize a spliced HPRT-Cα transcript which may explain their ability to switch to IgA. Inhibition of switching to IgG in these mice" <u>Int. Immunol.</u> 11:37-45 (1999)</p>
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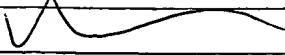
FORM PTO-1449 <i>35</i>	U S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>Pn 0 : 353</i> (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. UC053.001A	APPLICATION NO. 09/770,169
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EXAMINER INITIAL <i>MJS</i>	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
42	Rolink et al., "The SCID but Not the RAG-2 Gene Product Is Required for Sμ-Sε Heavy Chain Class Switching" <u>Immunity</u> 5:319-330 (1996)
43	Sewell et al., "Molecular cloning of the human T-lymphocyte surface CD2 (T11) antigen" <u>Proc. Natl. Acad. Sci. USA</u> 83:8718-8722 (1986)
44	Snapper et al., "The Immunoglobulin Class Switch: Beyond "Accessibility"" <u>Immunity</u> 6:217-223 (1997)
45	Stavnezer, J., "Molecular Processes that regulate Class Switching" <u>Current Topics in Microbiol. & Immunol.</u> 245:127-168 (2000)
46	Stavnezer et al., "Switch Recombination in a Transfected Plasmid Occurs Preferentially in a B Cell Line That Undergoes Switch Recombination of Its Chromosomal Ig Heavy Chain Genes" <u>J. Immunol.</u> 163:2028-2040 (1999)
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48	Stavnezer, J., "Antibody Class Switching" <u>Adv. Immunol.</u> 61:79-90 (1996)
49	Stavnezer-Nordgren and Sirlin, "Specificity of immunoglobulin heavy chain switch correlates with activity of germline heavy chain genes prior to switching" <u>EMBO J.</u> 5:95-102 (1986)
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51	Thacker et al., "A mechanism for deletion formation in DNA by human cell extracts: the involvement of short sequence repeats" <u>Nucleic Acids Res.</u> 20:6183-6199 (1992)
52	Tsukamoto et al., "Silencing factors participate in DNA repair and recombination in <u>Saccharomyces cerevisiae</u> " <u>Nature</u> 388:900-903 (1997)
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56	Zelazowski et al., "Regulation of Ku Expression in Normal Murine B Cells by Stimuli That Promote Switch Recombination" <u>J. Immunol.</u> 159:2559-2562 (1997)
<i>JPZ</i>	Zhang and Cheah, "Cell-Free Recombination of Immunoglobulin Switch-Region DNA with Nuclear Extracts" <u>Clin. Immunol.</u> 94:140-151 (2000)
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(M)	59	Zhang et al., "Switch Circles from IL-4-Directed ε Class Switching from Human B Lymphocytes" <i>J. Immunol.</i> 152:3427-3435 (1994)
(M)	60	Zhang et al., "Secondary Deletional Recombination of Rearranged Switch Region in Ig Isotype-Switched B Cells" <i>J. Immunol.</i> 154:2237-2247 (1995)
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